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Dimensional Insight Announces Launch of Spectre Columnar Database for Robust BI

By [A.R. Guess](#) / March 10, 2017 / 0 Comments

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According to a recent [press release](#), “Dimensional Insight, a developer of business intelligence (BI) solutions for complex and highly regulated industries, today announced the launch of Spectre as part of Version 7.0 of its award-winning BI platform, [Diver Platform™](#). The powerful data engine is built on the latest columnar database technology, which enables the greatest speed and efficiency for the most used analytics features. With the addition of Spectre, the latest version of the company’s flagship product is now faster, scalable and more manageable in meeting the needs of today’s BI users.”

The release goes on, “The most fundamental difference in Spectre’s technology is the new column-oriented, shareable database storage format optimized for query-time calculations instead of build-time calculations. In the columnar database design, fields for each record are separated into categories by similarity and are stored together in blocks of memory. This allows for only the relevant columns to be accessed during a calculation, resulting in an enhanced level of speed and efficiency. The new design also takes advantage of hardware innovations and analysis practices to better handle new user behaviors and queries.”

Jamie Clark, senior developer at Dimensional Insight, commented, “By offering the latest advancement in columnar technology, Spectre is able to address many of the difficulties BI users face with the growth of data and reliance on traditional relational databases... We designed Spectre from the ground up by creating an engine that is fast, flexible and works to simplify data collection. The end result is powerful and streamlined BI for our customers.”